Abstract

Data transmission memory (1) for the transmission of data packets between subscribers T with a pointer address memory (2) for storing chained subscriber-pointer address lists, comprising pointer addresses, for each subscriber; a plurality of subscriber state registers (12), which in each case store the state of an associated subscriber-pointer address list; a data memory (3) for storing data blocks which can be addressed by the pointer addresses; and with a memory controller (4) for controlling the pointer address memory (2) and the data memory (3).

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